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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 169.591 Seconds

(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-9

Perfect score: 21

Sequence: 1 gaagatatttcaggagccc 21

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21

Maximum DB seq length: 23

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA.*
1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq.*
4: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
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6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
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8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
18: /cgn2_6/ptodata/2/pubpna/US50_NEW_PUB.seq.*
19: /cgn2_6/ptodata/2/pubpna/US50_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|----|-------------------|
| 1 | 13.8 | 65.7 | 22 | 13 | US-10-042-865-196 |
| 2 | 13.8 | 65.7 | 22 | 17 | US-10-038-854-320 |
| 3 | 12.8 | 61.0 | 21 | 15 | US-10-240-046A-31 |
| 4 | 12.8 | 61.0 | 21 | 15 | US-10-240-046A-32 |
| 5 | 12.4 | 59.0 | 23 | 15 | US-10-216-122-143 |
| 6 | 12.2 | 58.1 | 22 | 17 | US-10-680-341-59 |
| C 7 | 12 | 57.1 | 22 | 17 | US-10-298-953-5 |
| 8 | 12 | 57.1 | 23 | 14 | US-10-150-509-3 |
| 9 | 12 | 57.1 | 23 | 16 | US-10-374-077-27 |
| C 10 | 11.8 | 56.2 | 21 | 12 | US-09-143-310-6 |
| C 11 | 11.6 | 55.2 | 21 | 15 | US-10-218-969-83 |
| C 12 | 11.4 | 54.3 | 22 | 9 | US-09-895-652-27 |
| C 13 | 11.4 | 54.3 | 22 | 10 | US-09-511-008-17 |
| C 14 | 11.4 | 54.3 | 22 | 15 | US-10-313-669-300 |

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|------|------|------|----|----|--------------------|--------------------|
| C 15 | 11.4 | 54.3 | 23 | 16 | US-10-422-466-64 | Sequence 64, Appl |
| C 16 | 11.2 | 53.3 | 21 | 13 | US-10-188-186-357 | Sequence 357, Appl |
| C 17 | 11.2 | 53.3 | 22 | 9 | US-09-734-672-37 | Sequence 37, Appl |
| C 18 | 11.2 | 53.3 | 22 | 10 | US-09-982-828-37 | Sequence 37, Appl |
| C 19 | 11.2 | 53.3 | 22 | 10 | US-09-923-327-101 | Sequence 101, Appl |
| C 20 | 11.2 | 53.3 | 22 | 10 | US-09-861-779-9 | Sequence 9, Appl |
| C 21 | 11.2 | 53.3 | 22 | 12 | US-10-636-716-9 | Sequence 9, Appl |
| C 22 | 11.2 | 53.3 | 22 | 15 | US-10-022-819-32 | Sequence 32, Appl |
| C 23 | 11.2 | 53.3 | 22 | 17 | US-10-680-341-61 | Sequence 61, Appl |
| C 24 | 11.2 | 53.3 | 23 | 9 | US-09-736-863-23 | Sequence 23, Appl |
| C 25 | 11.2 | 53.3 | 23 | 9 | US-09-997-664-79 | Sequence 79, Appl |
| C 26 | 11.2 | 53.3 | 23 | 10 | US-09-825-805-1549 | Sequence 1549, Ap |
| C 27 | 11.2 | 53.3 | 23 | 15 | US-10-006-366-5 | Sequence 5, Appl |
| C 28 | 11.2 | 53.3 | 23 | 15 | US-10-395-423-35 | Sequence 35, Appl |
| C 29 | 11.2 | 53.3 | 23 | 16 | US-10-464-952-79 | Sequence 79, Appl |
| C 30 | 11 | 52.4 | 21 | 14 | US-10-000-864-21 | Sequence 21, Appl |
| C 31 | 11 | 52.4 | 22 | 9 | US-09-935-541-10 | Sequence 10, Appl |
| C 32 | 11 | 52.4 | 22 | 15 | US-10-425-800-10 | Sequence 10, Appl |
| C 33 | 10.8 | 51.4 | 21 | 10 | US-09-961-756-31 | Sequence 31, Appl |
| C 34 | 10.8 | 51.4 | 21 | 16 | US-10-377-133-23 | Sequence 23, Appl |
| C 35 | 10.8 | 51.4 | 21 | 16 | US-10-377-133-24 | Sequence 24, Appl |
| C 36 | 10.8 | 51.4 | 21 | 17 | US-10-383-864-29 | Sequence 29, Appl |
| C 37 | 10.8 | 51.4 | 22 | 10 | US-09-949-427-102 | Sequence 102, Appl |
| C 38 | 10.8 | 51.4 | 22 | 13 | US-09-949-428-102 | Sequence 102, Appl |
| C 39 | 10.8 | 51.4 | 22 | 15 | US-10-342-684-1 | Sequence 1, Appl |
| C 40 | 10.8 | 51.4 | 22 | 16 | US-10-422-466-46 | Sequence 46, Appl |
| C 41 | 10.8 | 51.4 | 22 | 16 | US-10-423-466-77 | Sequence 77, Appl |
| C 42 | 10.8 | 51.4 | 23 | 16 | US-10-377-133-15 | Sequence 15, Appl |
| C 43 | 10.6 | 50.5 | 21 | 9 | US-09-969-373-3965 | Sequence 3965, Ap |
| C 44 | 10.6 | 50.5 | 21 | 10 | US-09-985-637A-8 | Sequence 8, Appl |
| C 45 | 10.6 | 50.5 | 21 | 15 | US-10-244-633-12 | Sequence 12, Appl |

ALIGNMENTS

RESULT 1

US-10-042-865-196
; Sequence 196, Application US/10042865
; Publication No. US20040029216A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Casman, Stacie J
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spvtek, Kimberly
; APPLICANT: Zhong, Mei
; APPLICANT: Gangoli, Baha A
; APPLICANT: Burgess, Catherine E
; APPLICANT: Patturajan, Meera
; APPLICANT: Vernet, Corine A.M
; APPLICANT: Taylor, Sarah
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Miller, Charles E
; APPLICANT: Guo, Xiaojia
; APPLICANT: Boldog, Ference I
; APPLICANT: Grosse, William M
; APPLICANT: Alsobrook II, John P
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Ellerman, Karen
; APPLICANT: Macbougali, John
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenna
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, David
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; TITLE OF INVENTION: Using the Same
; FILE REFERENCE: 21402-537

; CURRENT APPLICATION NUMBER: US/10/042,865

; CURRENT FILING DATE: 2002-05-17

; PRIOR APPLICATION NUMBER: 60/260,417

; PRIOR FILING DATE: 2001-01-09

; PRIOR APPLICATION NUMBER: 60/260,831

; PRIOR FILING DATE: 2001-01-10

; PRIOR APPLICATION NUMBER: 60/272,338

; PRIOR FILING DATE: 2001-02-28

; PRIOR APPLICATION NUMBER: 60/274,876

; PRIOR FILING DATE: 2001-03-09

; PRIOR APPLICATION NUMBER: 60/284,704

; PRIOR FILING DATE: 2001-04-18

; NUMBER OF SEQ ID NOS: 264

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 196

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer

US-10-042-865-196

Query Match 55.7%; Score 13.8; DB 13; Length 22;

Best Local Similarity 88.2%; Pred. No. 3.4e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGGA 17

|||||

Db 5 GAACGTATCTTCAAGAA 21

RESULT 2

US-10-038-854-320

; Sequence 320, Application US/10038854

; Publication No. US20040022781A1

; GENERAL INFORMATION:

; APPLICANT: Spytek, Kimberly A

; APPLICANT: Li, Li

; APPLICANT: Wolenc, Adam R

; APPLICANT: Vernet, Corine

; APPLICANT: Eisen, Andrew J

; APPLICANT: Liu, Xiaohong

; APPLICANT: Malvankar, Uriel M

; APPLICANT: Shimkets, Richard A

; APPLICANT: Tchernev, Velizar

; APPLICANT: Spaderna, Steven K

; APPLICANT: Gorman, Linda

; APPLICANT: Kekuda, Ramesh

; APPLICANT: Patturajan, Meera

; APPLICANT: Gusev, Vladimir Y

; APPLICANT: Gangolli, Esha A

; APPLICANT: Guo, Xiaojia S

; APPLICANT: Shenoy, Suresh G

; APPLICANT: Rastelli, Luca

; APPLICANT: Casman, Stacie J

; APPLICANT: Boldog, Ferenc

; APPLICANT: Burgess, Catherine E

; APPLICANT: Edinger, Shlomit R

; APPLICANT: Ellerman, Karen

; APPLICANT: Gunther, Erik

; APPLICANT: Smithson, Glenda

; APPLICANT: Millet, Isabelle

; APPLICANT: MacDougall, John R

; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-330

; CURRENT APPLICATION NUMBER: US/10/038,854

; CURRENT FILING DATE: 2003-01-22

; PRIOR APPLICATION NUMBER: 60/258,928

; PRIOR FILING DATE: 2000-12-29

; PRIOR APPLICATION NUMBER: 60/259,415

; PRIOR FILING DATE: 2001-01-02

; PRIOR APPLICATION NUMBER: 60/259,785

; PRIOR FILING DATE: 2001-01-04

; PRIOR APPLICATION NUMBER: 60/269,814

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/279,832

; PRIOR FILING DATE: 2001-03-29

; PRIOR APPLICATION NUMBER: 60/279,833

; PRIOR FILING DATE: 2001-03-29

; PRIOR APPLICATION NUMBER: 60/279,863

; PRIOR FILING DATE: 2001-03-29

; PRIOR APPLICATION NUMBER: 60/283,889

; PRIOR FILING DATE: 2001-04-13

; PRIOR APPLICATION NUMBER: 60/284,447

; PRIOR FILING DATE: 2001-04-18

; PRIOR APPLICATION NUMBER: 60/286,683

; PRIOR FILING DATE: 2001-04-25

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 411

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 320

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: chemically

; OTHER INFORMATION: synthesized

US-10-039-854-320

Query Match 65.7%; Score 13.8; DB 17; Length 22;

Best Local Similarity 88.2%; Pred. No. 3.4e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGGA 17

|||||

Db 5 GAACGTATCTTCAAGAA 21

RESULT 3

US-10-240-046A-31

; Sequence 31, Application US/10240046A

; Publication No. US20030190639A1

; GENERAL INFORMATION:

; APPLICANT: HUGOT, JEAN-PIERRE

; APPLICANT: THOMAS, GILLES

; APPLICANT: ZOUALI, MOHAMED

; APPLICANT: LESAGE, SUZANNE

; APPLICANT: CHAMAILLARD, MATHIAS

; TITLE OF INVENTION: GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE

; FILE REFERENCE: 37991-0009

; CURRENT APPLICATION NUMBER: US/10/240,046A

; CURRENT FILING DATE: 2003-04-02

; PRIOR APPLICATION NUMBER: PCT/FR 01/00935

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: FR 00/03832

; PRIOR FILING DATE: 2000-03-27

; NUMBER OF SEQ ID NOS: 90

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 31

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-240-046A-31

Query Match 61.0%; Score 12.8; DB 15; Length 21;

Best Local Similarity 87.5%; Pred. No. 1.1e+04;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGG 16

|||||

Db 6 GAAAGTATCTTCAAGG 21

RESULT 4

US-10-240-046A-32

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; Sequence 32, Application US/10240046A
; Publication No. US20030190639A1
; GENERAL INFORMATION:
; APPLICANT: HUGOT, JEAN-PIERRE
; APPLICANT: THOMAS, GILLES
; APPLICANT: ZOUALI, MOHAMED
; APPLICANT: LESAGE, SUZANNE
; APPLICANT: CHAMAILLARD, MATHIAS
; TITLE OF INVENTION: GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE
; TITLE OF INVENTION: THEROP
; FILE REFERENCE: 37991-0009
; CURRENT APPLICATION NUMBER: US/10/240,046A
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: PCT/FR 01/00935
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: FR 00/03832
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-046A-32

Query Match      61.0%; Score 12.8; DB 15; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.1e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 GAAAGTATCTTCAGG 16
Db      6 GAAAGTATCTTCAGG 21

RESULT 5
US-10-216-122-143
; Sequence 143, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazazian, Haig H.
; APPLICANT: Osterag, Eric
; APPLICANT: DeBerardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 143
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GFP 968F primer
US-10-216-122-143

Query Match      59.0%; Score 12.4; DB 15; Length 23;
Best Local Similarity 92.9%; Pred. No. 1.1e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TCTTCAAGGACGCG 21
Db      10 TCTTCAAGGACGCG 23

; Sequence 32, Application US/10240046A
; Publication No. US20030190639A1
; GENERAL INFORMATION:
; APPLICANT: HUGOT, JEAN-PIERRE
; APPLICANT: THOMAS, GILLES
; APPLICANT: ZOUALI, MOHAMED
; APPLICANT: LESAGE, SUZANNE
; APPLICANT: CHAMAILLARD, MATHIAS
; TITLE OF INVENTION: GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE
; TITLE OF INVENTION: THEROP
; FILE REFERENCE: 37991-0009
; CURRENT APPLICATION NUMBER: US/10/240,046A
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: PCT/FR 01/00935
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: FR 00/03832
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-046A-32

Query Match      61.0%; Score 12.8; DB 15; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.1e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 GAAAGTATCTTCAGG 16
Db      6 GAAAGTATCTTCAGG 21

RESULT 5
US-10-216-122-143
; Sequence 143, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazazian, Haig H.
; APPLICANT: Osterag, Eric
; APPLICANT: DeBerardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 143
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GFP 968F primer
US-10-216-122-143

Query Match      59.0%; Score 12.4; DB 15; Length 23;
Best Local Similarity 92.9%; Pred. No. 1.1e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TCTTCAAGGACGCG 21
Db      10 TCTTCAAGGACGCG 23
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RESULT 6
US-10-680-341-59
; Sequence 59, Application US/10680341
; Publication No. US20040091923A1
; GENERAL INFORMATION:
; APPLICANT: Reyes, Antonio A.
; APPLICANT: Wallace, Robert B.
; APPLICANT: Ugozoli, Luis A.
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
; FILE REFERENCE: 3239-0105P
; CURRENT APPLICATION NUMBER: US/10/680,341
; CURRENT FILING DATE: 2003-10-06
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 59
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-341-59

Query Match      58.1%; Score 12.2; DB 17; Length 22;
Best Local Similarity 82.4%; Pred. No. 2.3e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2 AAGTATCTTCAAGGAC 18
Db      3 AAGTATCTTCAAGGAC 19

RESULT 7
US-10-298-953-5/c
; Sequence 5, Application US/10298953
; Publication No. US20040097444A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SERINE/THREONINE KINASE 16 EXPRESSION
; FILE REFERENCE: HTS-0109
; CURRENT APPLICATION NUMBER: US/10/298,953
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-298-953-5

Query Match      57.1%; Score 12; DB 17; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.9e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TCTTCAAGGACG 19
Db      16 TCTTCAAGGACG 5

RESULT 8
US-10-150-509-3
; Sequence 3, Application US/10150509
; Publication No. US20020178460A1
; GENERAL INFORMATION:
; APPLICANT: Enikolopov, Grigori N.
; APPLICANT: Mignone, John
; TITLE OF INVENTION: TRANSGENIC MICE EXPRESSING FLUORESCENT
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: 1314.1082-010
; CURRENT APPLICATION NUMBER: US/10/150,509
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: US 09/444,335
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: PCT/US00/31150
; PRIOR FILING DATE: 2000-11-14
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; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-150-509-3

Query Match 57.1%; Score 12; DB 14; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.9e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 TCTCAAGGACG 19
| | | | | | | | | |
Db 12 TCTCAAGGACG 23

RESULT 9

US-10-374-077-27

; Sequence 27, Application US/10374077

; Publication No. US20040006779A1

; GENERAL INFORMATION:

APPLICANT: Fu, Ying-Hui

Yu, Chang-En

Oshima, Junko

Mulligan, John T.

Schellenberg, Gerald D.

TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO

WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group

STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/374,077

FILING DATE: 25-Feb-2003

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Rosenman, Stephen

REGISTRATION NUMBER: 43,058

REFERENCE/DOCKET NUMBER: 100107.401D1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 27:

US-10-374-077-27

Query Match

Best Local Similarity 57.1%; Score 12; DB 16; Length 23;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 GAAAGTATCTTCAAGGACG 20
| | | | | | | | | |
Db 4 GAAAGTATCTTCAAGGACG 23

RESULT 10
US-09-149-310-6/c
; Sequence 6, Application US/09149310
; Publication No. US20040088750A1
; GENERAL INFORMATION:
; APPLICANT: VAN COIJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KRIJN
; APPLICANT: QUAX, WILHELMUS J.
; APPLICANT: PEN, JAN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR USE
; FILE REFERENCE: 26192-20011.24
; CURRENT APPLICATION NUMBER: US/09/149,310
; CURRENT FILING DATE: 1998-02-02
; EARLIER APPLICATION NUMBER: 08/626,554
; EARLIER FILING DATE: 1996-04-02
; EARLIER APPLICATION NUMBER: 08/146,422
; EARLIER FILING DATE: 1993-11-02
; EARLIER APPLICATION NUMBER: 07/756,994
; EARLIER FILING DATE: 1991-09-11
; EARLIER APPLICATION NUMBER: 07/498,561
; EARLIER FILING DATE: 1990-03-23
; EARLIER APPLICATION NUMBER: EP 91200688.9
; EARLIER FILING DATE: 1991-03-25
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-149-310-6

Query Match 56.2%; Score 11.8; DB 12; Length 21;
Best Local Similarity 86.7%; Pred. No. 3.7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 GAAAGTATCTTCAAG 15
| | | | | | | | | |
Db 15 GAAAGTATCTTCAAG 1

RESULT 11

US-10-218-969-83/c

; Sequence 83, Application US/10218969

; Publication No. US20030165916A1

; GENERAL INFORMATION:

APPLICANT: Yuen, Tony

APPLICANT: Wurmbach, Elisa

TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content Drug

SCREENING

FILE REFERENCE: 2459-1-007N

CURRENT APPLICATION NUMBER: US/10/218,969

CURRENT FILING DATE: 2002-08-14

PRIOR APPLICATION NUMBER: US 60/312,220

PRIOR FILING DATE: 2001-08-14

PRIOR APPLICATION NUMBER: US 60/324,895

PRIOR FILING DATE: 2001-09-26

NUMBER OF SEQ ID NOS: 120

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 83

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-218-969-83

Query Match

Best Local Similarity 55.2%; Score 11.6; DB 15; Length 21;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 AAAGTATCTTCAAGGACG 19
|||||
DB 18 AAAGTCTCTCAGTGACG 1

RESULT 12
US-09-895-652-27/c
; Sequence 27, Application US/09895652
; Patent No. US20020081640A1
; GENERAL INFORMATION:
; APPLICANT: Macina, Roberta
; APPLICANT: Pillai, Rageswari
; TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
; TITLE OF INVENTION: Treating Colon Cancer
; FILE REFERENCE: DEX-0211
; CURRENT APPLICATION NUMBER: US/09/895,652
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 60/214,515
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-895-652-27

Query Match 54.3%; Score 11.4; DB 9; Length 22;
Best Local Similarity 92.3%; Pred. No. 6e+04; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TCTTCAAGGACGC 20
|||||
DB 15 TCATCAAGGACGC 3

RESULT 13
US-09-511-008-17/c
; Sequence 17, Application US/09511008
; Publication No. US20030149997A1
; GENERAL INFORMATION:
; APPLICANT: Hageman, Gregory S.
; APPLICANT: University of Iowa Research Foundation
; TITLE OF INVENTION: Diagnostics and Therapeutics for Arterial Wall
; TITLE OF INVENTION: Disruptive Disorders
; FILE REFERENCE: 020618-000600US
; CURRENT APPLICATION NUMBER: US/09/511,008
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/120,822
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/120,668
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/123,052
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: RT-PCR primer
US-09-511-008-17

Query Match 54.3%; Score 11.4; DB 10; Length 22;
Best Local Similarity 92.3%; Pred. No. 6e+04; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 9 CTTCAAGGACGC 21
|||||

DB 22 CTTCAAGGACACC 10

RESULT 14
US-10-313-669-300/c
; Sequence 300, Application US/10313669
; Publication No. US20030175761A1
; GENERAL INFORMATION:
; APPLICANT: Greenlee, Winner and Sullivan, P.C.
; TITLE OF INVENTION: Identification of genes whose expression patterns distinguish ben
; TITLE OF INVENTION: Lymphoid tissue and mantle cell, follicular, and small lymphocyt
; FILE REFERENCE: 142-01
; CURRENT APPLICATION NUMBER: US/10/313,669
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 302
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 300
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-313-669-300

Query Match 54.3%; Score 11.4; DB 15; Length 22;
Best Local Similarity 92.3%; Pred. No. 6e+04; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TCTTCAAGGACGC 20
|||||
DB 22 TCTTCAAGGATGC 10

RESULT 15
US-10-422-466-64/c
; Sequence 64, Application US/10422466
; Publication No. US20040006036A1
; GENERAL INFORMATION:
; APPLICANT: Hu, Ji-Fan
; APPLICANT: Bowersox, Scott
; TITLE OF INVENTION: Silencing transcription by methylation
; FILE REFERENCE: 112029.00005
; CURRENT APPLICATION NUMBER: US/10/422,466
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: 09/643,128
; PRIOR FILING DATE: 2000-08-21
; PRIOR APPLICATION NUMBER: 60/196,749
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/214,148
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (2)..(10)
; OTHER INFORMATION: m5c at bases 2 and 10
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA inhibitor
US-10-422-466-64

Query Match 54.3%; Score 11.4; DB 16; Length 23;
Best Local Similarity 71.4%; Pred. No. 6e+04; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGGACGCC 21
|||||
DB 23 GAAAGCATGATCCGGACGTC 3

Search completed: August 2, 2004, 18:41:51
Job time : 171.591 secs


```
Db 20 CTGCTAGGGGTTTCTGCTG 3

RESULT 2
US-10-447-839A-63
; Sequence 63, Application US/10447839A
; Publication No. US20040018181A1
; GENERAL INFORMATION:
; APPLICANT: Kufu, Donald W.
; APPLICANT: Kharbanda, Sunder
; APPLICANT: Weitman, Steven D.
; TITLE OF INVENTION: MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
; FILE REFERENCE: 1000.05.009
; CURRENT APPLICATION NUMBER: US/10/447,839A
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 10/293,391
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 09/951,938
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 60/231,841
; PRIOR FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-447-839A-63

Query Match 62.7%; Score 13.8; DB 16; Length 21;
Best Local Similarity 88.2%; Pred. No. 8.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 AAGGGGTTTTGCTGGC 21
| | | | | | | | | |
Db 1 AAGGGGTTTTGCTGGC 17

RESULT 3
US-10-447-839A-65/c
; Sequence 65, Application US/10447839A
; Publication No. US20040018181A1
; GENERAL INFORMATION:
; APPLICANT: Kufu, Donald W.
; APPLICANT: Kharbanda, Sunder
; APPLICANT: Weitman, Steven D.
; TITLE OF INVENTION: MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
; FILE REFERENCE: 1000.05.009
; CURRENT APPLICATION NUMBER: US/10/447,839A
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 10/293,391
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 09/951,938
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 60/231,841
; PRIOR FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 65
; LENGTH: 21
; TYPE: DNA
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: Synthesized Sequence
US-10-447-839A-65

Query Match 62.7%; Score 13.8; DB 16; Length 21;
Best Local Similarity 88.2%; Pred. No. 8.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 AAGGGGTTTTGCTGGC 21
| | | | | | | | | |
Db 21 AAGGGGTTTTGCTGGC 5

RESULT 4
US-10-007-805-563
; Sequence 563, Application US/10007805
; Publication No. US20020150581A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Devin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Durham, Margarita
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.470C10
; CURRENT APPLICATION NUMBER: US/10/007,805
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 593
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 563
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-007-805-563

Query Match 58.2%; Score 12.8; DB 14; Length 23;
Best Local Similarity 87.5%; Pred. No. 2.6e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 CAAGGGGTTTGTCTGG 19
| | | | | | | | | |
Db 8 CAAGGGGTTATGCTAG 23

RESULT 5
US-10-076-622-563
; Sequence 563, Application US/10076622
; Publication No. US20030023036A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Sleath, Paul R.
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.470C11
; CURRENT APPLICATION NUMBER: US/10/076,622
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 563
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-076-622-563

Query Match 58.2%; Score 12.8; DB 15; Length 23;
Best Local Similarity 87.5%; Pred. No. 2.6e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 CAAGGGGTTTGTCTGG 19
| | | | | | | | | |
Db 8 CAAGGGGTTATGCTAG 23
```

RESULT 6

US-10-124-805-563
 ; Sequence 563, Application US/10124805
 ; Publication No. US20030166022A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Sleath, Paul R.
 ; APPLICANT: Persing, David H.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 ; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
 ; FILE REFERENCE: 210121.470C12
 ; CURRENT APPLICATION NUMBER: US/10/124,805
 ; CURRENT FILING DATE: 2002-04-15
 ; NUMBER OF SEQ ID NOS: 627
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 563
 ; LENGTH: 23
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer
 US-10-124-805-563

Query Match 58.2%; Score 12.8; DB 15; Length 23;
 Best Local Similarity 87.5%; Pred. No. 2.6e+04;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 CAAGGGGTTTCTGG 19
 |||||
 Db 8 CAAGGGGTTATGCTAG 23

RESULT 7

US-10-005-956-1073/c
 ; Sequence 1073, Application US/10005956
 ; Publication No. US20030113726A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bristol-Myers Squibb Company
 ; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
 ; FILE REFERENCE: D0053NP
 ; CURRENT APPLICATION NUMBER: US/10/005,956
 ; CURRENT FILING DATE: 2001-12-03
 ; PRIOR APPLICATION NUMBER: 60/251,015
 ; PRIOR FILING DATE: 2000-12-04
 ; PRIOR APPLICATION NUMBER: 60/263,678
 ; PRIOR FILING DATE: 2001-01-23
 ; PRIOR APPLICATION NUMBER: 60/273,037
 ; PRIOR FILING DATE: 2001-03-02
 ; NUMBER OF SEQ ID NOS: 1579
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1073
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-005-956-1073

Query Match 57.3%; Score 12.6; DB 15; Length 21;
 Best Local Similarity 78.9%; Pred. No. 3.2e+04;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TCACAGGGGTTTCTGGG 20
 |||||
 Db 21 TGAGAGGGGTCCTGCTGTG 3

RESULT 8

US-10-257-848-29
 ; Sequence 29, Application US/10257848
 ; Publication No. US20030158381A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ITOH, Yasuaki
 ; APPLICANT: SUZUKI, No. US20030158381A1uhiro

; APPLICANT: NISHI, Kazunori
 ; APPLICANT: KIZAWA, Hideki
 ; APPLICANT: HARADA, Masataka
 ; APPLICANT: OGI, Kazuhiro
 ; TITLE OF INVENTION: No. US20030158381A1el Insulin/IGF/Relaxin Family Polypeptide and
 ; FILE REFERENCE: 2717 USOP
 ; CURRENT APPLICATION NUMBER: US/10/257,848
 ; CURRENT FILING DATE: 2002-10-17
 ; PRIOR APPLICATION NUMBER: PCT/JP01/03399
 ; PRIOR FILING DATE: 2001-04-20
 ; PRIOR APPLICATION NUMBER: JP 12-126340
 ; PRIOR FILING DATE: 2000-04-21
 ; PRIOR APPLICATION NUMBER: JP 12-205587
 ; PRIOR FILING DATE: 2000-07-03
 ; PRIOR APPLICATION NUMBER: JP 12-247962
 ; PRIOR FILING DATE: 2000-08-10
 ; PRIOR APPLICATION NUMBER: JP 12-395050
 ; PRIOR FILING DATE: 2000-12-22
 ; NUMBER OF SEQ ID NOS: 86
 ; SEQ ID NO 29
 ; LENGTH: 23
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Primer
 US-10-257-848-29

Query Match 57.3%; Score 12.6; DB 15; Length 23;
 Best Local Similarity 78.9%; Pred. No. 3.2e+04;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CTCACAGGGGTTTCTGG 19
 |||||
 Db 3 CTGCTAGGGGTATGTTGG 21

RESULT 9

US-10-236-392-368
 ; Sequence 368, Application US/10236392
 ; Publication No. US20040067490A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Anderson, David W
 ; APPLICANT: Boldog, Ferenc L
 ; APPLICANT: Burgess, Catherine, E
 ; APPLICANT: Casman, Stacie J
 ; APPLICANT: Catterton, Elina
 ; APPLICANT: Chapoval, Andrei
 ; APPLICANT: Crabtree, Julie
 ; APPLICANT: Edinger, Shlomit, R
 ; APPLICANT: Ellerman, Karen
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Gorman, Linda
 ; APPLICANT: Grosse, William M
 ; APPLICANT: Gusev, Vladimir
 ; APPLICANT: Kekuda, Ramesh
 ; APPLICANT: LaRoche, William J
 ; APPLICANT: Li, Li
 ; APPLICANT: MacDougall, John R
 ; APPLICANT: Malyankar, Uriel M
 ; APPLICANT: Miller, Charles E
 ; APPLICANT: Millet, Isabelle
 ; APPLICANT: Padigar, Muralidhara
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Pena, Carol A
 ; APPLICANT: Peyman, John A
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Reiger, Daniel K
 ; APPLICANT: Rothenberg, Mark E
 ; APPLICANT: Shenoy, Suresh
 ; APPLICANT: Shinkets, Richard A
 ; APPLICANT: Smithson, Glennda
 ; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
 ; FILE REFERENCE: 21402-442A

; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 368
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-392-368

Query Match 55.5%; Score 12.2; DB 13; Length 22;
Best Local Similarity 82.4%; Pred. No. 4.9e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TCGAAGGGGTTTTCCTG 18
Db 1 TCGAAGGGGATTTAATG 17

RESULT 10

US-10-236-392-371
; Sequence 371, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRocheville, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K

; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shency, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 371
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-392-371

Query Match 55.5%; Score 12.2; DB 13; Length 22;
Best Local Similarity 82.4%; Pred. No. 4.9e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TCGAAGGGGTTTTCCTG 18
Db 1 TCGAAGGGGATTTAATG 17

RESULT 11

US-10-303-635-12/c
; Sequence 12, Application US/10303635
; Publication No. US20040102621A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
; FILE REFERENCE: RTS-0418
; CURRENT APPLICATION NUMBER: US/10/303,635
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 257
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-303-635-12

Query Match 54.5%; Score 12; DB 17; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 GTTTTGTCTGGGC 21
|||||

Db 13 GTTTGCTGGGC 2

RESULT 12

```

; Sequence 101, Application US/10211689
; Publication No. US20030232347A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook, John II
; APPLICANT: Anderson, David W.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Khrastov, Nikolai V.
; APPLICANT: Lepley, Denise M.
; APPLICANT: MacDougall, John R.
; APPLICANT: Pena, Carol A.
; APPLICANT: Payman, John A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-416B
; CURRENT APPLICATION NUMBER: US/10/211,689
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: 60/311751
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/310,802
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,795
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/361,159
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/373,050
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: 60/380,970
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/381,030
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/323,944
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO 101
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-211-689-101

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Query Match 54.5%; Score 12; DB 16; Length 22;
 Best Local Similarity 75.0%; Pred. No. 6a+04;
 Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 CTGCAAGGGTTTCTGGG 20

|||||
 Db 20 CTGCAAGGGTTTCTGGG 1

RESULT 13

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; US-10-027-632-75775
; Sequence 75775, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 75775
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-75775

```

Query Match 53.6%; Score 11.8; DB 13; Length 21;
 Best Local Similarity 86.7%; Pred. No. 7.5e+04;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 GGGGTTTGTCTGGGC 21

|||||
 Db 4 GGGGTTTGTCTGGGC 18

RESULT 14

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; US-10-027-632-75775
; Sequence 75775, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 75775
; LENGTH: 21
; TYPE: DNA
US-10-027-632-75775

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; ORGANISM: Human
US-10-027-832-75775

Query Match      53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 86.7%; Pred. No. 7.5e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 GGGGTTTGTGGGC 21
    |||||
Db 4 GGGGTTTACTGTC 18

RESULT 15
US-10-447-839A-64
; Sequence 64, Application US/10447839A
; Publication No. US20040018181A1
; GENERAL INFORMATION:
; APPLICANT: Kufe, Donald W.
; APPLICANT: Kharbada, Surender
; APPLICANT: Weitman, Steven D.
; TITLE OF INVENTION: MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
; FILE REFERENCE: 1000.05.009
; CURRENT APPLICATION NUMBER: US/10/447,839A
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 10/293,391
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 09/951,938
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 60/231,841
; PRIOR FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 21
; TYPE: DNA
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: Synthesized Sequence
US-10-447-839A-64

Query Match      53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 60.0%; Pred. No. 7.5e+04;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 7 GGGGTTTGTGGGC 21
    |||||
Db 1 GGGGGUUUCUGGC 15

Search completed: August 2, 2004, 18:41:52
Job time : 178.667 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 177.667 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-11

Perfected score: 22
Sequence: 1 tcttgccgtgcccctcag 22

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21
Maximum DB seq length: 23

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:*

1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq2:*
14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|--------------------|
| 1 | 13.2 | 60.0 | 22 | 16 | US-10-422-555-12 |
| 2 | 12.2 | 55.5 | 22 | 9 | US-09-454-495-5 |
| 3 | 12.2 | 55.5 | 22 | 13 | US-09-771-335-4 |
| 4 | 12 | 54.5 | 21 | 9 | US-09-765-081-415 |
| 5 | 12 | 54.5 | 21 | 10 | US-09-932-300-57 |
| 6 | 12 | 54.5 | 21 | 12 | US-10-050-888A-3 |
| 7 | 12 | 54.5 | 21 | 12 | US-10-296-416-8 |
| 8 | 11.6 | 52.7 | 22 | 9 | US-09-774-107-9 |
| 9 | 11.4 | 51.8 | 22 | 15 | US-10-277-249-2 |
| 10 | 11.4 | 51.8 | 23 | 13 | US-10-338-674-2274 |
| 11 | 11.4 | 51.8 | 23 | 13 | US-10-338-674-2275 |
| 12 | 11.2 | 50.9 | 21 | 9 | US-09-978-295A-416 |
| 13 | 11.2 | 50.9 | 21 | 9 | US-09-978-697-416 |
| 14 | 11.2 | 50.9 | 21 | 9 | US-09-978-192A-416 |

| | | | | | | |
|----|------|------|----|----|--------------------|-------------------|
| 15 | 11.2 | 50.9 | 21 | 9 | US-09-999-832A-416 | Sequence 416, App |
| 16 | 11.2 | 50.9 | 21 | 10 | US-09-978-189-416 | Sequence 416, App |
| 17 | 11.2 | 50.9 | 21 | 10 | US-09-978-608A-416 | Sequence 416, App |
| 18 | 11.2 | 50.9 | 21 | 10 | US-09-978-585A-416 | Sequence 416, App |
| 19 | 11.2 | 50.9 | 21 | 10 | US-09-978-191A-416 | Sequence 416, App |
| 20 | 11.2 | 50.9 | 21 | 10 | US-09-978-403A-416 | Sequence 416, App |
| 21 | 11.2 | 50.9 | 21 | 10 | US-09-978-564A-416 | Sequence 416, App |
| 22 | 11.2 | 50.9 | 21 | 10 | US-09-999-833A-416 | Sequence 416, App |
| 23 | 11.2 | 50.9 | 21 | 10 | US-09-981-915A-416 | Sequence 416, App |
| 24 | 11.2 | 50.9 | 21 | 10 | US-09-978-824-416 | Sequence 416, App |
| 25 | 11.2 | 50.9 | 21 | 10 | US-09-918-585A-416 | Sequence 416, App |
| 26 | 11.2 | 50.9 | 21 | 10 | US-09-978-423A-416 | Sequence 416, App |
| 27 | 11.2 | 50.9 | 21 | 10 | US-09-978-193A-416 | Sequence 416, App |
| 28 | 11.2 | 50.9 | 21 | 10 | US-09-999-830A-416 | Sequence 416, App |
| 29 | 11.2 | 50.9 | 21 | 10 | US-09-978-757A-416 | Sequence 416, App |
| 30 | 11.2 | 50.9 | 21 | 10 | US-09-978-187B-416 | Sequence 416, App |
| 31 | 11.2 | 50.9 | 21 | 10 | US-09-978-643A-416 | Sequence 416, App |
| 32 | 11.2 | 50.9 | 21 | 10 | US-09-978-375A-416 | Sequence 416, App |
| 33 | 11.2 | 50.9 | 21 | 10 | US-09-978-298A-416 | Sequence 416, App |
| 34 | 11.2 | 50.9 | 21 | 10 | US-09-978-189A-416 | Sequence 416, App |
| 35 | 11.2 | 50.9 | 21 | 10 | US-09-978-681A-416 | Sequence 416, App |
| 36 | 11.2 | 50.9 | 21 | 10 | US-09-978-194A-416 | Sequence 416, App |
| 37 | 11.2 | 50.9 | 21 | 10 | US-09-999-829A-416 | Sequence 416, App |
| 38 | 11.2 | 50.9 | 21 | 10 | US-09-978-299A-416 | Sequence 416, App |
| 39 | 11.2 | 50.9 | 21 | 10 | US-09-978-544A-416 | Sequence 416, App |
| 40 | 11.2 | 50.9 | 21 | 10 | US-09-978-665A-416 | Sequence 416, App |
| 41 | 11.2 | 50.9 | 21 | 13 | US-09-978-803A-416 | Sequence 416, App |
| 42 | 11.2 | 50.9 | 21 | 13 | US-10-164-749A-416 | Sequence 416, App |
| 43 | 11.2 | 50.9 | 21 | 13 | US-09-999-831A-416 | Sequence 416, App |
| 44 | 11.2 | 50.9 | 21 | 13 | US-10-013-917A-416 | Sequence 416, App |
| 45 | 11.2 | 50.9 | 21 | 13 | US-09-999-834A-416 | Sequence 416, App |

ALIGNMENTS

RESULT 1
US-10-422-555-12
; Sequence 12, Application US/10422555
; Publication No: US20040005326A1
; GENERAL INFORMATION:
; APPLICANT: Mottram, Jeremy
; TITLE OF INVENTION: COOMBS, GRAHAM
; FILE REFERENCE: 9013.12
; CURRENT APPLICATION NUMBER: US/10/422,555
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US/09/402,573C
; PRIOR FILING DATE: 1999-10-25
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: oligonucleotide primer
US-10-422-555-12

Query Match 60.0%; Score 13.2; DB 16; Length 22;
Best Local Similarity 83.3%; Pred. No. 2.1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5 TGCAGCTGCGGCTCAG 22
|||||

Db 2 TGCAGCTGCGGCTCAG 19
|||||

RESULT 2
US-09-454-495-5/c
; Sequence 5, Application US/09454495

```

; Patent No. US20020147161A1
; GENERAL INFORMATION: Gurucharan
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zeng, Hong
; APPLICANT: Vallerga, Anne
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
; FILE REFERENCE: A-67649-1/RMS/DAV/JJD
; CURRENT APPLICATION NUMBER: US/09/454,495
; CURRENT FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/119,578
; PRIOR FILING DATE: 1999-02-10
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic.
US-09-454-495-5

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```

Query Match      55.5%; Score 12.2; DB 9; Length 22;
Best Local Similarity 82.4%; Pred. No. 5.8e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      6 GCGGCTGGCGGCTCTCAG 22
        ||||| ||||| |||||
DB      20 GCGGCGAGCGGCCAGAG 4

```

```

RESULT 3
US-09-771-355-4/c
; Sequence 4, Application US/09771355
; Publication No. US20020086840A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: USE OF RAD51 INHIBITORS FOR p53 GENE THERAPY
; FILE REFERENCE: A-68872-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/771,355
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: oligonucleotide
US-09-771-355-4

```

```

Query Match      55.5%; Score 12.2; DB 13; Length 22;
Best Local Similarity 82.4%; Pred. No. 5.8e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      6 GCGGCTGGCGGCTCTCAG 22
        ||||| ||||| |||||
DB      20 GCGGCGAGCGGCCAGAG 4

```

```

RESULT 4
US-09-765-081-415
; Sequence 415, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Landier, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081

```

```

; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 415
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-765-081-415

```

```

Query Match      54.5%; Score 12; DB 9; Length 21;
Best Local Similarity 85.7%; Pred. No. 7.2e+04;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      8 GCGCTGGCGGCTCA 21
        ||||| ||||| |||||
DB      5 GCGTTGGCGGCTCA 18

```

```

RESULT 5
US-09-932-300-57
; Sequence 57, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-3U2
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
US-09-932-300-57

```

```

Query Match      54.5%; Score 12; DB 10; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.2e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```

```

QY      3 CTTCGGCGCTGGCGCTCAG 22
        ||||| ||||| |||||
DB      1 CTTCGAGCTCAGCTCCCTCAG 20

```

```

RESULT 6
US-10-050-888A-3
; Sequence 3, Application US/10050888A
; Publication No. US2004007376A1
; GENERAL INFORMATION:
; APPLICANT: Gesteland, Raymond F.
; APPLICANT: Atkins, John F.
; APPLICANT: Matveeva, Olga V.
; APPLICANT: Giddings, Michael C.
; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neural
; TITLE OF INVENTION: Networks
; FILE REFERENCE: T9479.B
; CURRENT APPLICATION NUMBER: US/10/050,888A
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/262,993
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 20

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-050-888A-3

Query Match      54.5%; Score 12; DB 12; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.2e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 CTTGGCGCTGCGGCTCAG 22
    |||||
Db 1 CTTGAGCTCAGCTCCCTCAG 20

RESULT 7
US-10-296-416-8/c
; Sequence 8, Application US/10296416
; Publication No. US20040072142A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Adelbert
; APPLICANT: Zenk, Meinhardt H.
; APPLICANT: Adam, Petra
; APPLICANT: Bisenreich, Wolfgang
; APPLICANT: Fellermeier, Monika
; APPLICANT: Hecht, Stefan
; APPLICANT: Rohdich, Felix
; APPLICANT: Schuhr, Christoph
; APPLICANT: Wungstaweekul, Jurathip
; TITLE OF INVENTION: THE NON-MEVALONATE ISOPRENOID PATHWAY
; FILE REFERENCE: 9286.13
; CURRENT APPLICATION NUMBER: US/10/296,416
; PRIOR FILING DATE: 2003-07-08
; PRIOR APPLICATION NUMBER: PCT/EP01/06255
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: DE10027821.3
; PRIOR FILING DATE: 2000-06-05
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-296-416-8

Query Match      54.5%; Score 12; DB 12; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.2e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2 CTTGGCGCTGCGGCTCAG 21
    |||||
Db 21 CTTTGGCGCTGAGGCCCA 2

RESULT 8
US-09-774-107-9/c
; Sequence 9, Application US/09774107
; Patent No. US20020100082A1
; GENERAL INFORMATION:
; APPLICANT: YAMASHITA, Hiroshige
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: METHODS FOR DETERMINING CONTENT OF HETEROLOGOUS INDIVIDUAL
; FILE REFERENCE: YAMASHITA=1
; CURRENT APPLICATION NUMBER: US/09/774,107
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000/058726
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: Designed oligonucleotide probe to detect EPSPS protein gene sequ
; OTHER INFORMATION: nce.
US-09-774-107-9

Query Match      52.7%; Score 11.6; DB 9; Length 22;
Best Local Similarity 77.8%; Pred. No. 1.1e+05;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 TTGCGGCTGCGGCTCA 21
    |||||
Db 21 TTTCGCGCAGCGGGTTCA 4

RESULT 9
US-10-277-249-2
; Sequence 2, Application US/10277249
; Publication No. US20030157674A1
; GENERAL INFORMATION:
; APPLICANT: Emptage, Mark
; APPLICANT: Haynie, Sharon
; APPLICANT: Laffend, Lisa
; APPLICANT: Pucci, Jeff
; APPLICANT: Whited, Greg
; TITLE OF INVENTION: Improved Process for the Biological Production of 1,3-Propanediol
; TITLE OF INVENTION: High Titer
; FILE REFERENCE: BC1020 US DIV
; CURRENT APPLICATION NUMBER: US/10/277,249
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/149,534
; PRIOR FILING DATE: 1999-08-08
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-277-249-2

Query Match      51.8%; Score 11.4; DB 15; Length 22;
Best Local Similarity 71.4%; Pred. No. 1.3e+05;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 CCTTGGCGCTGCGGCTCAG 22
    |||||
Db 2 CTTTGTGTGCTGCGGCTTAG 22

RESULT 10
US-10-339-674-2274
; Sequence 2274, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 2274
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (3099709)...(3099731)
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; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3007
; US-10-339-674-2274
Query Match          51.8%; Score 11.4; DB 13; Length 23;
Best Local Similarity 71.4%; Pred. No. 1.3e+05;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TCCTTGGCGCTGGCGCTCA 21
Db 1 TCCATGCCGATGGCGGTAA 21

RESULT 11
US-10-339-674-2275/c
; Sequence 2275, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 2275
; LENGTH: 23
; TYPE: DNA
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; FEATURE:
; LOCATION: (3099709) ... (3099731)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 3008
; US-10-339-674-2275

Query Match          51.8%; Score 11.4; DB 13; Length 23;
Best Local Similarity 71.4%; Pred. No. 1.3e+05;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TCCTTGGCGCTGGCGCTCA 21
Db 23 TCCATGCCGATGGCGGTAA 3

RESULT 12
US-09-978-295A-416
; Sequence 416, Application US/09978295A
; Patent No. US2002015606A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Grimaldi, J. Christopher
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; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
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; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630FIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1997-10-17
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Query Match 50.9%; Score 11.2; DB 9; Length 21;
Best Local Similarity 81.2%; Pred. No. 1.6e+05;
Matches 13; Conservative 0; Mismatches 3; Indels

Qy 2 CCTTGGCGCGTGGGC 17
db 1 CCTGGCTCGCTGCTGC 16

RESULT 13

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US-09-978-697-416
; Sequence 416, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
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; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secrested and Tra
; TITLE OF INVENTION: Acids Encoding
; FILE REFERENCE: P2630PLC27
; CURRENT APPLICATION NUMBER: US/09/97
; PRIOR FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918583

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Query Match 50.9%; Score 11.2; DB 9; Length 21;
Best Local Similarity 81.2%; Pred. No. 1.6e+05;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CCTGCGGCTGCGGC 17
DB 1 CCTGCGCTGCTGCTGC 16

RESULT 14
US-09-978-192A-416
; Sequence 416, Application US/09978192A
; Patent No. US2002017553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Gurney, Austin L.
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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
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; APPLICANT: Paoni, Nicholas F.
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; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
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Query Match 50.9%; Score 11.2; DB 9; Length 21;
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RESULT 15

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 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnovers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630P1C63
 ; CURRENT APPLICATION NUMBER: US/09/999,832A
 ; CURRENT FILING DATE: 2001-10-24
 ; PRIOR APPLICATION NUMBER: 09/918585
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 ; PRIOR APPLICATION NUMBER: 60/085704
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 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 50.9%; Score 11.2; DB 9; Length 21;
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 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CCTTGGCGGCTGGCGC 17
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 Db 1 CCTGGCTGCTGCTGC 16
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Search completed: August 2, 2004, 18:41:53
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 185.742 Seconds
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607.143 Million cell updates/sec

Title: US-09-270-437D-12

Perfect score: 23

Sequence: 1 ccaactgtgcccattcagcttc 23

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Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

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Maximum DB seq length: 23

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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| 3 | 12.4 | 53.9 | 21 | 15 | US-10-054-841-14 |
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| 5 | 11.8 | 51.3 | 22 | 15 | US-10-032-189-147 |
| 6 | 11.8 | 51.3 | 23 | 11 | US-09-931-486-36 |
| C 7 | 11.6 | 50.4 | 21 | 15 | US-10-443-923-13 |
| 8 | 11.6 | 50.4 | 21 | 15 | US-10-165-099-316 |
| 9 | 11.6 | 50.4 | 21 | 16 | US-10-434-369-60 |
| C 10 | 11.6 | 50.4 | 21 | 17 | US-10-759-037-13 |
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| C 17 | 11.2 | 48.7 | 21 | 13 | US-10-252-155-452 | Sequence 452, Appl |
| 18 | 11.2 | 48.7 | 21 | 17 | US-10-432-422-9 | Sequence 9, Appl |
| 19 | 11.2 | 48.7 | 21 | 17 | US-10-432-422-181 | Sequence 181, Appl |
| C 20 | 11.2 | 48.7 | 22 | 13 | US-10-247-833-78 | Sequence 78, Appl |
| C 21 | 11.2 | 48.7 | 23 | 13 | US-10-261-382-19 | Sequence 19, Appl |
| C 22 | 11.2 | 48.7 | 23 | 13 | US-10-261-382-24 | Sequence 24, Appl |
| C 23 | 11.2 | 48.7 | 23 | 15 | US-10-396-964-39 | Sequence 39, Appl |
| C 24 | 11 | 47.8 | 21 | 9 | US-09-804-551B-76 | Sequence 76, Appl |
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| C 26 | 11 | 47.8 | 21 | 13 | US-10-336-472-220 | Sequence 220, Appl |
| C 27 | 11 | 47.8 | 21 | 15 | US-10-083-246A-63 | Sequence 63, Appl |
| C 28 | 11 | 47.8 | 21 | 16 | US-10-080-334-377 | Sequence 377, Appl |
| C 29 | 11 | 47.8 | 22 | 13 | US-10-384-491-290 | Sequence 290, Appl |
| C 30 | 11 | 47.8 | 23 | 10 | US-09-945-943-8 | Sequence 8, Appl |
| C 31 | 11 | 47.8 | 23 | 10 | US-09-945-943-15 | Sequence 15, Appl |
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| C 33 | 10.8 | 47.0 | 21 | 9 | US-09-805-761-51 | Sequence 51, Appl |
| C 34 | 10.8 | 47.0 | 21 | 13 | US-10-384-491-255 | Sequence 255, Appl |
| C 35 | 10.8 | 47.0 | 21 | 14 | US-10-038-984-16 | Sequence 16, Appl |
| C 36 | 10.8 | 47.0 | 21 | 15 | US-10-032-585-5474 | Sequence 5474, Ap |
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| C 38 | 10.8 | 47.0 | 22 | 10 | US-09-382-860-139 | Sequence 139, Appl |
| C 39 | 10.8 | 47.0 | 22 | 12 | US-10-467-930-6 | Sequence 6, Appl |
| C 40 | 10.8 | 47.0 | 23 | 9 | US-09-866-778A-15 | Sequence 15, Appl |
| C 41 | 10.8 | 47.0 | 23 | 13 | US-10-362-091-31 | Sequence 31, Appl |
| C 42 | 10.6 | 46.1 | 21 | 8 | US-08-983-605-191 | Sequence 191, Appl |
| C 43 | 10.6 | 46.1 | 21 | 9 | US-09-898-779-6 | Sequence 6, Appl |
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| C 45 | 10.6 | 46.1 | 21 | 9 | US-09-860-784-19 | Sequence 19, Appl |

ALIGNMENTS

RESULT 1

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; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 109
; LENGTH: 21
; TYPE: DNA
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US-09-765-081-109

Query Match 64.3%; Score 14.8; DB 9; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.1e+03;
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; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

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; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Iliya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C21
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
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US-10-349-143-8247

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; TITLE OF INVENTION: RECEPTOR PROTEINS
; FILE REFERENCE: 19999YCA
; CURRENT APPLICATION NUMBER: US/10/054,841
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: 09/487,379
; PRIOR FILING DATE: 2000-01-18
; PRIOR APPLICATION NUMBER: 09/141,000
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/078,633
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 60/062,902
; PRIOR FILING DATE: 1997-10-21
; PRIOR APPLICATION NUMBER: 60/057,090
; PRIOR FILING DATE: 1997-08-27
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-054-841-14

Query Match          53.9%; Score 12.4; DB 15; Length 21;
Best Local Similarity 92.9%; Pred. No. 3.2e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CTGGTGCCATTTC 18
Db 4 CTGATGCCATTCA 17
```

RESULT 4

```

US-09-927-668-13/C
; Sequence 13, Application US/09927668
; Patent No. US20020115144A1
; GENERAL INFORMATION:
; APPLICANT: Kaplan, Jerry
; Perou, Charles
; Moore, Karen
; TITLE OF INVENTION: COMPOSITIONS FOR THE DIAGNOSIS
; AND TREATMENT OF CHEDIAK-HIGASHI SYNDROME
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/927,668
; FILING DATE: 10-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/396,540
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-062-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-927-668-13
```

```

Query Match          53.0%; Score 12.2; DB 9; Length 21;
Best Local Similarity 82.4%; Pred. No. 4e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5 CTGGTGCCATTTCAGCT 21
Db 18 CTGGTGTCATTCACCT 2
```

RESULT 5

```

US-10-032-189-147
; Sequence 147, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zernusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine B
; APPLICANT: Shimkets, Richard A
```

APPLICANT: Grosse, William M
APPLICANT: Szekeres, Edward S
APPLICANT: Vernet, Corine A.M.
APPLICANT: Li, Li
APPLICANT: Casman, Stacie J
APPLICANT: Boldog, Ferenc L
APPLICANT: Gorman, Linda
APPLICANT: Gangolli, Esha A
APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/277,826
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/279,840
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/282,981
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/283,656
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/309,247
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/311,754
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,331
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 260
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 147
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NOV5 Primer 2
US-10-032-189-147

Query Match 51.3%; Score 11.8; DB 15; Length 22;
Best Local Similarity 86.7%; Pred. No. 6.3e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTCGGTGGCCATTGAC 19
Db 1 CTCGAGGCCATTGAC 15

RESULT 6
US-09-931-486-36
Sequence 36, Application US/09931486
Publication No. US20030215802A1
GENERAL INFORMATION:
APPLICANT: JANNES, GEERT
ROSSAU, RUDI
VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: SIMULTANEOUS DETECTION, IDENTIFICATION
AND DIFFERENTIATION OF EUBACTERIAL TAXA USING A
HYBRIDIZATION ASSAY

NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEE ROAD, 8TH FLOOR
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/931,486
FILING DATE: 17-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/448,894
FILING DATE: <Unknown>
APPLICATION NUMBER: EP 95870032.0
FILING DATE: 07-APR-1995
APPLICATION NUMBER: EP 94870106.5
FILING DATE: 24-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 1487-14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4091
TELEFAX: 703-816-4100
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-931-486-36

Query Match 51.3%; Score 11.8; DB 11; Length 23;
Best Local Similarity 86.7%; Pred. No. 6.4e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 ACTGGTGGCCATTCA 18
Db 2 ACTGGTGGTATCA 16

RESULT 7
US-10-443-923-13/c
Sequence 13, Application US/10443923
Publication No. US20030185857A1
GENERAL INFORMATION:
APPLICANT: Yosefi, Shaul
APPLICANT: Zemel, Roni
TITLE OF INVENTION: HEPATITIS B VIRUS BINDING PROTEINS AND USES THEREOF
FILE REFERENCE: 26143
CURRENT APPLICATION NUMBER: US/10/443,923
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-443-923-13

```
Query Match      50.4%; Score 11.6; DB 15; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 ACTGGTGGCCATTGAGCT 21
    ||||| ||||| |||||
Db 21 ACTGGTGGCCATTGAGCT 4

RESULT 8
US-10-165-099-316
; Sequence 316, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2085
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 316
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-316

Query Match      50.4%; Score 11.6; DB 15; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAACTGGTGGCCATTCA 18
    ||||| ||||| |||||
Db 1 CCACCTGGAGACATTCA 18

RESULT 9
US-10-434-369-60
; Sequence 60, Application US/10434369
; Publication No. US20040009515A1
; GENERAL INFORMATION:
; APPLICANT: City of Hope
; APPLICANT: Liu, Qiang
; APPLICANT: Sommer, Steve S.
; APPLICANT: Riggs, Arthur D.
; TITLE OF INVENTION: Pyrophosphorolysis Activated Polymerization (PAP)
; FILE REFERENCE: 1954-378-II
; CURRENT APPLICATION NUMBER: US/10/434,369
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: US 10/269,879
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US 09/789,556
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: US 60/379,092
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: US 60/237,180
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/187,035
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: US 60/184,315
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 21
; TYPE: DNA
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```
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-434-369-60

Query Match      50.4%; Score 11.6; DB 16; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 CAACTGGTGCCATTGAG 19
    ||||| ||||| |||||
Db 2 CAACTGGTGCCAAACAG 19

RESULT 10
US-10-759-037-13/c
; Sequence 13, Application US/10759037
; Publication No. US20040138131A1
; GENERAL INFORMATION:
; APPLICANT: Yosef, Shaul
; APPLICANT: Zemel, Romi
; TITLE OF INVENTION: HEPATITIS B VIRUS BINDING PROTEINS AND USES THEREOF
; FILE REFERENCE: 27169
; CURRENT APPLICATION NUMBER: US/10/759,037
; CURRENT FILING DATE: 2004-01-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-759-037-13

Query Match      50.4%; Score 11.6; DB 17; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 ACTGGTGGCCATTGAGCT 21
    ||||| ||||| |||||
Db 21 ACTGGTGGCCATTGAGCT 4

RESULT 11
US-10-032-585-5030
; Sequence 5030, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Russey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5030
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5030

Query Match      50.4%; Score 11.6; DB 15; Length 22;
Best Local Similarity 77.8%; Pred. No. 8e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 CAACTGGTGCCATTGAG 19
    ||||| ||||| |||||
Db 5 CAACTGGTGCCATTGAG 22
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```
RESULT 12
US-10-085-198-600
; Sequence 600, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 600
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-600

Query Match      50.4%; Score 11.6; DB 16; Length 22;
Best Local Similarity 77.8%; Pred. No. 8e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CCACTGGTGGCCATTTCAG 19
      |||||
Db      1 CAGCTGGTGGACATCCGG 18

RESULT 13
US-10-085-198-612
; Sequence 612, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
```

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; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 612
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-612

Query Match      50.4%; Score 11.6; DB 16; Length 22;
Best Local Similarity 77.8%; Pred. No. 8e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CCACTGGTGGCCATTTCAG 19
      |||||
Db      1 CAGCTGGTGGACATCCGG 18

RESULT 14
US-10-032-189-214
; Sequence 214, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zerkhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shimkets, Richard A
; APPLICANT: Grosse, William M
; APPLICANT: Szekeres, Edward S
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie J
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Gorman, Linda
; APPLICANT: Gangolli, Esha A
; APPLICANT: Fernandes, Elma R
; APPLICANT: Rieger, Daniel K
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Gunther, Erik
; APPLICANT: Millet, Isabelle
; APPLICANT: Sciore, Paul
; APPLICANT: Ellerman, Karen
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-228
; CURRENT APPLICATION NUMBER: US/10/032,189
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/257,495
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/258,171
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 60/269,940
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/274,192
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; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/277,826
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/279,840
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/282,981
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 60/283,656
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/309,247
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/311,754
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/313,331
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 214
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag2313 Forward
; OTHER INFORMATION: Primer
US-10-032-189-214

Query Match          49.6%; Score 11.4; DB 15; Length 21;
Best Local Similarity 92.3%; Pred. No. 9.9e+04;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6  TGGTGGCCATTCA 18
Db      9  TGATGGCCATTCA 21

RESULT 15
US-10-299-991-23/c
; Sequence 23, Application US/10299991
; Publication No. US20030194725A1
; GENERAL INFORMATION:
; APPLICANT: Greener et al.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING AND VALIDATING POTENTIAL DRUG TARGETS
; FILE REFERENCE: P01-004
; CURRENT APPLICATION NUMBER: US/10/299,991
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/331701
; PRIOR FILING DATE: 2001-11-19
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target sequence
US-10-299-991-23

Query Match          49.6%; Score 11.4; DB 15; Length 21;
Best Local Similarity 71.4%; Pred. No. 9.9e+04;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2  CAACGTGGTGGCCATTCCAGCTT 22
Db      21  CAACAGAGATAATCCAGCTT 1
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Search completed: August 2, 2004, 18:41:54
Job time : 186.742 secs

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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 177.667 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-13

Perfect score: 22
Sequence: 1 gctcttggggacaggaaggtc 22

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21
Maximum DB seq length: 23

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database : Published Applications NA:*
- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
 - 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
 - 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
 - 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
 - 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
 - 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
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 - 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
 - 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
 - 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
 - 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
 - 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
 - 13: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
 - 14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
 - 15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
 - 16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
 - 17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
 - 18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
 - 19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|---------------------|
| C 1 | 12.8 | 58.2 | 22 | 10 | US-09-823-711-9 |
| C 2 | 12.6 | 57.3 | 23 | 9 | US-09-814-777A-81 |
| C 3 | 12.6 | 57.3 | 23 | 15 | US-10-196-000-2 |
| C 4 | 12.6 | 57.3 | 23 | 15 | US-10-196-000-6 |
| 5 | 12.4 | 56.4 | 23 | 15 | US-10-143-897-23 |
| 6 | 12.2 | 55.5 | 21 | 16 | US-10-349-143-11075 |
| C 7 | 12.2 | 55.5 | 22 | 17 | US-10-432-819-5 |
| C 8 | 12.2 | 55.5 | 22 | 17 | US-10-655-579-38 |
| 9 | 12.2 | 55.5 | 23 | 15 | US-10-302-279-35 |
| 10 | 12 | 54.5 | 21 | 16 | US-10-349-143-11540 |
| 11 | 12 | 54.5 | 22 | 10 | US-09-863-776-109 |
| 12 | 11.8 | 53.6 | 21 | 9 | US-09-765-081-133 |
| C 13 | 11.8 | 53.6 | 21 | 17 | US-10-451-126A-29 |
| 14 | 11.8 | 53.6 | 22 | 15 | US-10-148-351-35 |

| | | | | | | |
|------|------|------|----|----|---------------------|---------------------|
| 15 | 11.8 | 53.6 | 22 | 16 | US-10-265-649-26 | Sequence 26, Appl |
| C 16 | 11.8 | 53.6 | 23 | 14 | US-10-081-163-3 | Sequence 3, Appl |
| 17 | 11.6 | 52.7 | 21 | 17 | US-10-605-498-50 | Sequence 50, Appl |
| C 18 | 11.6 | 52.7 | 22 | 13 | US-10-236-417-223 | Sequence 223, Appl |
| C 19 | 11.6 | 52.7 | 22 | 16 | US-10-402-089-27 | Sequence 27, Appl |
| C 20 | 11.6 | 52.7 | 22 | 16 | US-10-402-089-28 | Sequence 28, Appl |
| C 21 | 11.6 | 52.7 | 22 | 16 | US-10-402-072A-27 | Sequence 27, Appl |
| C 22 | 11.6 | 52.7 | 22 | 16 | US-10-402-072A-28 | Sequence 28, Appl |
| C 23 | 11.4 | 51.8 | 21 | 15 | US-10-164-230-46 | Sequence 46, Appl |
| C 24 | 11.4 | 51.8 | 21 | 17 | US-10-605-498-49 | Sequence 49, Appl |
| C 25 | 11.2 | 50.9 | 21 | 9 | US-09-966-546-47 | Sequence 47, Appl |
| C 26 | 11.2 | 50.9 | 21 | 9 | US-09-966-545-47 | Sequence 47, Appl |
| C 27 | 11.2 | 50.9 | 21 | 10 | US-09-965-212-47 | Sequence 47, Appl |
| C 28 | 11.2 | 50.9 | 21 | 13 | US-10-463-261-49 | Sequence 49, Appl |
| C 29 | 11.2 | 50.9 | 21 | 15 | US-10-189-940-47 | Sequence 47, Appl |
| C 30 | 11.2 | 50.9 | 21 | 17 | US-10-646-436-52 | Sequence 52, Appl |
| C 31 | 11.2 | 50.9 | 22 | 13 | US-10-114-270-219 | Sequence 219, Appl |
| C 32 | 11.2 | 50.9 | 22 | 13 | US-10-114-270-222 | Sequence 222, Appl |
| C 33 | 11.2 | 50.9 | 22 | 16 | US-10-369-214-81 | Sequence 81, Appl |
| C 34 | 11.2 | 50.9 | 23 | 10 | US-09-978-522-19 | Sequence 19, Appl |
| C 35 | 11.2 | 50.9 | 23 | 13 | US-10-072-012-1118 | Sequence 1118, Appl |
| C 36 | 11.2 | 50.9 | 23 | 13 | US-10-072-012-1130 | Sequence 1130, Appl |
| C 37 | 11.2 | 50.9 | 23 | 13 | US-10-072-012-1133 | Sequence 1133, Appl |
| C 38 | 11 | 50.0 | 22 | 8 | US-08-979-847-145 | Sequence 145, Appl |
| C 39 | 11 | 50.0 | 22 | 9 | US-09-759-847-6 | Sequence 6, Appl |
| C 40 | 11 | 50.0 | 22 | 9 | US-09-999-672-1 | Sequence 1, Appl |
| C 41 | 11 | 50.0 | 22 | 10 | US-09-864-636A-2417 | Sequence 2417, Appl |
| C 42 | 11 | 50.0 | 22 | 10 | US-09-864-636A-2420 | Sequence 2420, Appl |
| C 43 | 11 | 50.0 | 22 | 11 | US-09-864-426A-2417 | Sequence 2417, Appl |
| C 44 | 11 | 50.0 | 22 | 11 | US-09-864-426A-2420 | Sequence 2420, Appl |
| C 45 | 11 | 50.0 | 22 | 14 | US-10-040-863-1 | Sequence 1, Appl |

ALIGNMENTS

RESULT 1
US-09-823-711-9/c
; Sequence 9, Application US/09823711
; Publication No. US20030165832A1
; GENERAL INFORMATION:
; APPLICANT: Sagner, Gregor
; APPLICANT: Tabiti, Karim
; APPLICANT: Gutekunst, Martin
; APPLICANT: Soong, Richie
; TITLE OF INVENTION: Method for the Efficiency-Corrected Real-Time Quantification of
; TITLE OF INVENTION: Nucleic Acids
; FILE REFERENCE: 5394
; CURRENT APPLICATION NUMBER: US/09/823,711
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: EP/00107036.6
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 3.0
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-823-711-9

Query Match 58.2%; Score 12.8; DB 10; Length 22;
Best Local Similarity 87.5%; Pred. No. 2.3e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TCCTTGGGGACAGGAA 18
| | | | | | | | | | | | | | | | | | | | | |
Db 22 TCCTTGGGGTCAAGAA 7
| | | | | | | | | | | | | | | | | | | | | |

RESULT 2
US-09-814-777A-81/c
; Sequence 81, Application US/09814777A
; Patent No. US20020142415A1

QY 6 TTGGGACAGGAG 19
 Db 5 TTGGGACAGGAG 18

RESULT 6
 US-10-143-11075
 ; Sequence 11075, Application US/10349143
 ; Publication No. US2004000584A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET 020CPI
 ; CURRENT APPLICATION NUMBER: US/10/349,143
 ; CURRENT FILING DATE: 2003-01-21
 ; PRIOR APPLICATION NUMBER: US/09/422,978
 ; PRIOR FILING DATE: 1999-10-20
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 11075
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..21
 ; OTHER INFORMATION: downstream amplification primer 99-24889 for SEQ 3210, in complement

QY 4 CTTTGGGACAGGAGG 20
 Db 5 CTATGGAGGACAGGAGG 21

Query Match 55.5%; Score 12.2; DB 16; Length 21;
 Best Local Similarity 82.4%; Pred. No. 4.5e+04;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 7
 US-10-432-819-5/c
 ; Sequence 5, Application US/10432819
 ; Publication No. US20040091893A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Washington University
 ; APPLICANT: ASTRAZENECA AB
 ; APPLICANT: Gordon, Jeffrey I
 ; APPLICANT: Hooper, Lora V
 ; APPLICANT: Stappenbeck, Thaddeus S
 ; APPLICANT: Falk, Per
 ; APPLICANT: Hanson, Lennart
 ; TITLE OF INVENTION: Method for studying the effects of commensal microflora
 ; TITLE OF INVENTION: on mammalian intestine and treatments of
 ; TITLE OF INVENTION: Gastrointestinal-associated disease based thereon
 ; FILE REFERENCE: 2491-16
 ; CURRENT APPLICATION NUMBER: US/10/432,819
 ; CURRENT FILING DATE: 2003-05-27
 ; PRIOR APPLICATION NUMBER: US 60/252,901
 ; PRIOR FILING DATE: 2000-11-27
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-432-819-5
 Query Match 55.5%; Score 12.2; DB 17; Length 22;
 Best Local Similarity 82.4%; Pred. No. 4.5e+04;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAGG 20
 Db 20 CTCTGAGGACAGGAGG 4

RESULT 8
 US-10-655-579-38/c
 ; Sequence 38, Application US/10655579
 ; Publication No. US20040126789A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Park, Kyusung
 ; APPLICANT: Lee, Jun E.
 ; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
 ; FILE REFERENCE: 0942.5580002
 ; CURRENT APPLICATION NUMBER: US/10/655,579
 ; CURRENT FILING DATE: 2003-09-05
 ; PRIOR APPLICATION NUMBER: 60/408,609
 ; PRIOR FILING DATE: 2002-09-05
 ; PRIOR APPLICATION NUMBER: 60/427,867
 ; PRIOR FILING DATE: 2002-11-19
 ; NUMBER OF SEQ ID NOS: 164
 ; SOFTWARE: Patent In version 3.2
 ; SEQ ID NO 38
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Unknown
 ; FEATURE:
 ; OTHER INFORMATION: Hba2-67, forward primer

QY 3 TCTTTGGGACAGGAGG 19
 Db 22 TCTGTGGGACAGGAGG 6

Query Match 55.5%; Score 12.2; DB 17; Length 22;
 Best Local Similarity 82.4%; Pred. No. 4.5e+04;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 9
 US-10-302-279-35
 ; Sequence 35, Application US/10302279
 ; Publication No. US20030171566A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dean, Michael Carlton
 ; APPLICANT: Hahn, Heidi Eve
 ; APPLICANT: Wicking, Carol
 ; APPLICANT: Christiansen, Jeffrey
 ; APPLICANT: Zaphitopoulos, Peter G.
 ; APPLICANT: Gailani, Mae R.
 ; APPLICANT: Shanley, Susan Mary
 ; APPLICANT: Chidambaram, Abirami
 ; APPLICANT: Vorechovsky, Igor
 ; APPLICANT: Holmberg-Lindstrom, Erika
 ; TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene
 ; NUMBER OF SEQUENCES: 84
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/302,279
FILING DATE: 22-NOV-2003
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/857,636
FILING DATE: 16-MAY-1997
APPLICATION NUMBER: US 60/017,906
FILING DATE: 17-MAY-1996
APPLICATION NUMBER: AU P00011
FILING DATE: 21-MAY-1996
APPLICATION NUMBER: AU P00363
FILING DATE: 07-JUN-1996
APPLICATION NUMBER: US 60/019,765
FILING DATE: 14-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hyman, Laurence J.
REGISTRATION NUMBER: 35, 551
REFERENCE/DOCKET NUMBER: 015280-278200US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: 1..23
LOCATION: 1..23
OTHER INFORMATION: /note= "PTCR16 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-10-302-279-35

Query Match 55.5%; Score 12.2; DB 15; Length 23;
Best Local Similarity 82.4%; Pred. No. 4.5e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TCTTTGGGACAGGAG 19
Db 3 TTTTGAAGACAGGAG 19

RESULT 10
US-10-349-143-11540
Sequence 11540, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET:020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11540
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind

LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-9662 for SEQ 3675, in complemer
US-10-349-143-11540
Query Match 54.5%; Score 12; DB 16; Length 21;
Best Local Similarity 75.0%; Pred. No. 5.6e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 GCTCTTTGGGACAGGAG 20
Db 2 GCTCTGTCAGAAATGAAG 21

RESULT 11
US-09-863-776-109
Sequence 109, Application US/09863776
Publication No. US20030198953A1
GENERAL INFORMATION:
APPLICANT: Spvtek, Kimberly A
APPLICANT: Majumder, Kumud
APPLICANT: Tchernev, Velizar T
APPLICANT: Mishra, Vishnu
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spaderna, Steven K
APPLICANT: Shenoy, Suresh G
APPLICANT: Rastelli, Luca
APPLICANT: Li, Li
APPLICANT: Taupier, Raymond J
TITLE OF INVENTION: No. US20030198953A1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-020
CURRENT APPLICATION NUMBER: US/09/863,776
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: 60/206,679
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/206,688
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/206,829
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/207,748
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/207,798
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/208,263
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: 60/208,831
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 60/209,451
PRIOR FILING DATE: 2000-06-05
PRIOR APPLICATION NUMBER: 60/210,060
PRIOR FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: 60/219,507
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/221,337
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/221,927
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: 60/263,135
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,688
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/263,694
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag2835 Reverse

US-09-863-776-109

Query Match 54.5%; Score 12; DB 10; Length 22;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 GGACAGGAAGGT 21
| | | | | | | | | |
Db 2 GGACAGGAAGGT 13

RESULT 12

US-09-765-081-133
; Sequence 133, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Gargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Langer, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825-2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-133

Query Match 53.6%; Score 11.8; DB 9; Length 21;
Best Local Similarity 76.5%; Pred. No. 7e+04;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TCTTTGGGACGGAAG 19
| | | : | | | | | | | |
Db 5 TCTGTCGGACCGGAAG 21

RESULT 13

US-10-451-126A-29/c
; Sequence 29, Application US/10451126A
; Publication No. US20040110706A1
; GENERAL INFORMATION:
; APPLICANT: Wallace, Robyn H
; APPLICANT: Mulley, John C
; APPLICANT: Berkovic, Samuel F
; TITLE OF INVENTION: SODIUM CHANNEL ALPHA1-SUBUNIT AND THEIR POLYPEPTIDES AND THEIR
; TITLE OF INVENTION: TREATMENT OF GENERALISED EPILEPSY WITH FEBRILE SEIZURES PLUS
; FILE REFERENCE: 1386/13
; CURRENT APPLICATION NUMBER: US/10/451,126A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/ AU01/01648
; PRIOR FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-451-126A-29

Query Match 53.6%; Score 11.8; DB 17; Length 21;
Best Local Similarity 86.7%; Pred. No. 7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 GGGGACAGGAAGGTC 22
| | | | | | | | | |
Db 21 GAGACAGGAAGGTC 7

RESULT 14

US-10-148-351-35
; Sequence 35, Application US/10148351
; Publication No. US20030192074A1
; GENERAL INFORMATION:
; APPLICANT: Plant Bioscience Limited
; APPLICANT: Iowa State University Research Foundation Inc.
; APPLICANT: Schulze-Lefert, Paul MJ
; APPLICANT: Kurth, Joachim
; APPLICANT: Rasong, Zhou
; APPLICANT: Elliott, Candace
; APPLICANT: Wise, Roger P
; APPLICANT: Halterman, Dennis A
; APPLICANT: Fusheng, Wei
; TITLE OF INVENTION: Resistance Gene
; FILE REFERENCE: SMK/LP588375
; CURRENT APPLICATION NUMBER: US/10/148,351
; CURRENT FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 60/177,767
; PRIOR FILING DATE: 1999-11-29
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/188,629
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: US 60/222,652
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-148-351-35

Query Match 53.6%; Score 11.8; DB 15; Length 22;
Best Local Similarity 86.7%; Pred. No. 7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 TGGGACAGGAAGGT 21
| | | | | | | | | |
Db 2 TGGAGAAAGGAAGGT 16

RESULT 15

US-10-265-649-26
; Sequence 26, Application US/10265649
; Publication No. US20040009492A1
; GENERAL INFORMATION:
; APPLICANT: Samsung Electronics Co. Ltd.
; APPLICANT: Kim, Mi-kyung
; APPLICANT: Lee, Yeon-su
; APPLICANT: Lee, Jung-nam
; TITLE OF INVENTION: MULTIPLEX PCR PRIMER SET FOR HUMAN GLUCOKINASE GENE AMPLIFICATION
; FILE REFERENCE: 5649-1023
; CURRENT APPLICATION NUMBER: US/10/265,649
; CURRENT FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Exon 1a variant reverse primer
US-10-265-649-26

Query Match 53.6%; Score 11.8; DB 16; Length 22;
Best Local Similarity 86.7%; Pred. No. 7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 TTGGGGACAGGAAAGG 20
| | | | | | | | | |
Db 3 TTGGGGACAGGCAAG 17

Search completed: August 2, 2004, 18:41:55
Job time : 178.667 secs

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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 177.667 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-14

Sequence: 1 gacgtgacacgcgggtttct 22

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21
Maximum DB seq length: 23

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:
1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:
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6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:
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10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:
13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:
14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:
15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:
16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:
17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:
18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match % | Length | DB ID | Description |
|------------|-------|---------------|--------|-------|-------------------|
| C 1 | 12.4 | 56.4 | 22 | 15 | US-10-051-769-6 |
| C 2 | 12.4 | 56.4 | 22 | 15 | US-10-224-624-6 |
| C 3 | 12.2 | 55.5 | 21 | 10 | US-09-993-966-23 |
| C 4 | 11.8 | 53.6 | 21 | 16 | US-10-321-844-19 |
| C 5 | 11.8 | 53.6 | 21 | 16 | US-10-321-844-21 |
| C 6 | 11.6 | 52.7 | 23 | 10 | US-09-888-336-139 |
| C 7 | 11.6 | 52.7 | 23 | 10 | US-09-776-479-689 |
| C 8 | 11.6 | 52.7 | 23 | 13 | US-10-314-578-689 |
| C 9 | 11.6 | 52.7 | 23 | 13 | US-09-776-479-689 |
| C 10 | 11.6 | 52.7 | 23 | 15 | US-10-112-653-662 |
| C 11 | 11.6 | 52.7 | 23 | 15 | US-10-017-995-689 |
| C 12 | 11.6 | 52.7 | 23 | 17 | US-10-432-443-61 |
| C 13 | 11.6 | 52.7 | 23 | 17 | US-10-432-443-64 |
| C 14 | 11.2 | 50.9 | 21 | 13 | US-10-346-198-143 |

| | | | | | | | |
|---|----|------|------|----|----|--------------------|-------------------|
| C | 15 | 11.2 | 50.9 | 21 | 15 | US-10-148-570-14 | Sequence 14, Appl |
| | 16 | 11.2 | 50.9 | 22 | 9 | US-09-978-295A-407 | Sequence 407, App |
| | 17 | 11.2 | 50.9 | 22 | 9 | US-09-978-697-407 | Sequence 407, App |
| | 18 | 11.2 | 50.9 | 22 | 9 | US-09-978-192A-407 | Sequence 407, App |
| | 19 | 11.2 | 50.9 | 22 | 9 | US-09-999-832A-407 | Sequence 407, App |
| | 20 | 11.2 | 50.9 | 22 | 10 | US-09-978-189-407 | Sequence 407, App |
| | 21 | 11.2 | 50.9 | 22 | 10 | US-09-978-608A-407 | Sequence 407, App |
| | 22 | 11.2 | 50.9 | 22 | 10 | US-09-978-585A-407 | Sequence 407, App |
| | 23 | 11.2 | 50.9 | 22 | 10 | US-09-978-191A-407 | Sequence 407, App |
| | 24 | 11.2 | 50.9 | 22 | 10 | US-09-978-403A-407 | Sequence 407, App |
| | 25 | 11.2 | 50.9 | 22 | 10 | US-09-978-564A-407 | Sequence 407, App |
| | 26 | 11.2 | 50.9 | 22 | 10 | US-09-999-833A-407 | Sequence 407, App |
| | 27 | 11.2 | 50.9 | 22 | 10 | US-09-981-915A-407 | Sequence 407, App |
| | 28 | 11.2 | 50.9 | 22 | 10 | US-09-978-824-407 | Sequence 407, App |
| | 29 | 11.2 | 50.9 | 22 | 10 | US-09-918-585A-407 | Sequence 407, App |
| | 30 | 11.2 | 50.9 | 22 | 10 | US-09-978-433A-407 | Sequence 407, App |
| | 31 | 11.2 | 50.9 | 22 | 10 | US-09-978-193A-407 | Sequence 407, App |
| | 32 | 11.2 | 50.9 | 22 | 10 | US-09-999-830A-407 | Sequence 407, App |
| | 33 | 11.2 | 50.9 | 22 | 10 | US-09-978-157B-407 | Sequence 407, App |
| | 34 | 11.2 | 50.9 | 22 | 10 | US-09-978-187B-407 | Sequence 407, App |
| | 35 | 11.2 | 50.9 | 22 | 10 | US-09-978-643A-407 | Sequence 407, App |
| | 36 | 11.2 | 50.9 | 22 | 10 | US-09-978-375A-407 | Sequence 407, App |
| | 37 | 11.2 | 50.9 | 22 | 10 | US-09-978-288A-407 | Sequence 407, App |
| | 38 | 11.2 | 50.9 | 22 | 10 | US-09-978-188A-407 | Sequence 407, App |
| | 39 | 11.2 | 50.9 | 22 | 10 | US-09-978-681A-407 | Sequence 407, App |
| | 40 | 11.2 | 50.9 | 22 | 10 | US-09-978-194A-407 | Sequence 407, App |
| | 41 | 11.2 | 50.9 | 22 | 10 | US-09-999-839A-407 | Sequence 407, App |
| | 42 | 11.2 | 50.9 | 22 | 10 | US-09-978-299A-407 | Sequence 407, App |
| | 43 | 11.2 | 50.9 | 22 | 10 | US-09-978-544A-407 | Sequence 407, App |
| | 44 | 11.2 | 50.9 | 22 | 10 | US-09-978-665A-407 | Sequence 407, App |
| | 45 | 11.2 | 50.9 | 22 | 10 | US-09-978-802A-407 | Sequence 407, App |

ALIGNMENTS

RESULT 1
US-10-051-769-6/c
; Sequence 6, Application US/10051769
; Publication No. US20030044811A1
; GENERAL INFORMATION:
; APPLICANT: MCKINNON, Randy D.
; TITLE OF INVENTION: AN EST-DEFINED PROBE FOR CANCER PROGRESSION
; FILE REFERENCE: 268/260 (RWJ-00-37)
; CURRENT APPLICATION NUMBER: US/10/051,769
; CURRENT FILING DATE: 2001-10-20
; PRIOR APPLICATION NUMBER: US 60/242,160
; PRIOR FILING DATE: 2000-10-20
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-051-769-6

Query Match 56.4%; Score 12.4; DB 15; Length 22;
Best Local Similarity 92.9%; Pred. No. 1.3e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 ACAACGGGGGTTTC 21
DB 17 ACAACGGGGGCTTC 4

RESULT 2
US-10-224-624-6/c
; Sequence 6, Application US/10224624
; Publication No. US20030108915A1
; GENERAL INFORMATION:
; APPLICANT: MCKINNON, Randall D.

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; TITLE OF INVENTION: Glioblastoma Multiforme Associated Protein GLITEN
; FILE REFERENCE: 54704.8059.US00
; CURRENT APPLICATION NUMBER: US/10/224,624
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/242,160
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 10/051,769
; PRIOR FILING DATE: 2001-10-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-224-624-6

Query Match          56.4%; Score 12.4; DB 15; Length 22;
Best Local Similarity 92.9%; Pred. No. 1.3e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 ACAACGGCGGTTTC 21
Db      17 ACAACGGCGGCTTC 4

RESULT 3
US-09-993-966-23/c
; Sequence 23, Application US/09993966
; Publication No. US20030186232A1
; GENERAL INFORMATION:
; APPLICANT: ROHAN, MICHAEL
; TITLE OF INVENTION: HUMAN AND NON-HUMAN PRIMATE HOMOLOGUES OF NKD PROTEIN,
; FILE REFERENCE: 014024/0280733
; CURRENT APPLICATION NUMBER: US/09/993,966
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: 60/252,884
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/291,109
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 60/325,571
; PRIOR FILING DATE: 2001-10-01
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-993-966-23

Query Match          55.5%; Score 12.2; DB 10; Length 21;
Best Local Similarity 82.4%; Pred. No. 1.7e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 GACGTTGACACGCGG 17
Db      21 GACGTTGACACACG 5

RESULT 4
US-10-321-844-19/c
; Sequence 19, Application US/10321844
; Publication No. US20030219776A1
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Rohrwasser, Andreas
; APPLICANT: Ishigami, Tomoaki
; APPLICANT: Emi, Mitsuru
; APPLICANT: Nakajima, Toshiaki
; TITLE OF INVENTION: Molecular Variants, Haplotypes, and Linkage Disequilibrium within
```

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; APPLICANT: Inoue, Ituro
; TITLE OF INVENTION: Molecular Variants, Haplotypes, and Linkage Disequilibrium within
; FILE REFERENCE: 2323-159
; CURRENT APPLICATION NUMBER: US/10/321,844
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/340,482
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-321-844-19

Query Match          53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 86.7%; Pred. No. 2.7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 ACAACGGCGGTTTCT 22
Db      16 ACAACGGCAGCTTCT 2

RESULT 5
US-10-321-844-21/c
; Sequence 21, Application US/10321844
; Publication No. US20030219776A1
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Rohrwasser, Andreas
; APPLICANT: Ishigami, Tomoaki
; APPLICANT: Emi, Mitsuru
; APPLICANT: Nakajima, Toshiaki
; APPLICANT: Inoue, Ituro
; TITLE OF INVENTION: Molecular Variants, Haplotypes, and Linkage Disequilibrium within
; FILE REFERENCE: 2323-159
; CURRENT APPLICATION NUMBER: US/10/321,844
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/340,482
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-321-844-21

Query Match          53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 86.7%; Pred. No. 2.7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 ACAACGGCGGTTTCT 22
Db      16 ACAACGGCAGCTTCT 2

RESULT 6
US-09-888-326-139/c
; Sequence 139, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
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OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-662

Query Match 52.7%; Score 11.6; DB 17; Length 23;
Best Local Similarity 44.4%; Pred. No. 3.5e+04;
Matches 8; Conservative 8; Mismatches 2; Indels

Qy 1 GACGTTGACACGGCGGT 18
| :|:|:|:|:|:|:|:
Db 1 GTVRTYGAVRTYGGYGY 18

RESULT 13
US-10-432-443-64/c
; Sequence 64, Application US/10432443
; Publication No. US20040076982A1
; GENERAL INFORMATION:

/ GENERAL INFORMATION:
 / APPLICANT: Gokarn et al.
 / TITLE OF INVENTION: 3-HYDROXYPROBIONIC ACID AND OTHER ORGANIC COMPOUNDS
 / FILE REFERENCE: 6682-65884
 / CURRENT APPLICATION NUMBER: US/10/432,443
 / CURRENT FILING DATE: 2003-05-19
 / PRIOR APPLICATION NUMBER: PCT/US01/43607

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, PRIOR FILING DATE: 2001-11-20
, PRIOR APPLICATION NUMBER: US 60/317,845
, PRIOR FILING DATE: 2003-09-07
, PRIOR APPLICATION NUMBER: US 60/306,727
, PRIOR FILING DATE: 2001-07-20
, PRIOR APPLICATION NUMBER: US 60/285,478
, PRIOR FILING DATE: 2001-04-20
, PRIOR APPLICATION NUMBER: US 60/252,123
, PRIOR FILING DATE: 2000-11-20
, NUMBER OF SEQ ID NOS: 188
, SOFTWARE: Patentin version 3.1

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; SOFTWARE: P
; SEQ ID NO 64
; LENGTH: 23
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; SEQ ID NO 64
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; LENGTH: 23
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Primer
;
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| | | | | |
|-------------------------|---------------|--------------------|--------|------------|
| Query Match | 52.7%; | Score 11.6; | DB 17; | Length 23; |
| Best Local Similarity | 44.4%; | Pred. No. 3.5e+04; | | |
| Matches 8: Conservative | 8: Mismatches | 2: Indels | | |

Qy 1 GACGTTGACAACGGCGGT 18
 | : : : : : : : : : :
Db 23 GTVRTYGAVRTYGGYGGY 6

RESULT 14
US-10-346-198-143/c
; Sequence 143, Application US/10346198
; Publication No. US20040043485A1
; GENERAL INFORMATION:
; APPLICANT: WESSLER, SUSAN R.
; APPLICANT: JIANG, NING
; APPLICANT: BAO, ZHIRONG
; APPLICANT: ZHANG, XIAOYU
; APPLICANT: EDDY, SEAN R.

TITLE OF INVENTION: TRANSPOSABLE ELEMENTS IN RICE AND METHODS OF USE
 FILE REFERENCE: 18445-0018
 CURRENT APPLICATION NUMBER: US/10/346,198
 CURRENT FILING DATE: 2003-01-16
 PRIOR APPLICATION NUMBER: 60/337,409
 PRIOR FILING DATE: 2003-05-01
 NUMBER OF SEQ ID NOS: 149
 SOFTWARE: PatentIn Ver. 2.1

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; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA

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: ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-346-198-143
Query Match      50.9%; Score 11.2; DB 13; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.6e+04;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6 TGACACGGCGGTTTC 21
      |||||
Db      20 TCAATGGGGTTTC 5

RESULT 15
US-10-148-570-14/c
; Sequence 14, Application US/10148570
; Publication No. US20030170649A1
; GENERAL INFORMATION:
; APPLICANT: HAAS, Oskar
; APPLICANT: WEINHAUSEL, Andreas
; TITLE OF INVENTION: Method for detecting and evaluating a potentially aberrant methyl
; TITLE OF INVENTION: DNA region on the X-Chromosome
; FILE REFERENCE: 4388-0102P
; CURRENT APPLICATION NUMBER: US/10/148,570
; CURRENT FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: PCT/AT00/00324
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: AT A2041/99
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin ver. 3.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer used to detect and evaluate in a single reaction the
; OTHER INFORMATION: occurrence and extent of a possible aberrant methylation of
; OTHER INFORMATION: promoter region FRAX E-A
US-10-148-570-14
Query Match      50.9%; Score 11.2; DB 15; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.6e+04;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 GACGTTGACACGGCG 16
      |||||
Db      21 GACGACGACACGACG 6

Search completed: August 2, 2004, 18:41:56
Job time : 178.667 secs
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